

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
3 October 2002 (03.10.2002)

PCT

(10) International Publication Number  
**WO 02/077539 A1**

(51) International Patent Classification<sup>7</sup>: **F24F 13/06, 1/00**

(21) International Application Number: **PCT/IT01/00137**

(22) International Filing Date: **20 March 2001 (20.03.2001)**

(25) Filing Language: **Italian**

(26) Publication Language: **English**

(71) Applicant (for all designated States except US): **AERMEC S.P.A.** [IT/IT]; Via Roma, 44, I-37040 Bevilacqua (IT).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **RIELLO, Valerio, Giordano** [IT/IT]; c/o Aermec S.p.A., Via Roma, 44, I-37040 Bevilacqua (IT).

(74) Agents: **SIMINO, Massimo et al.**; Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 Milano (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

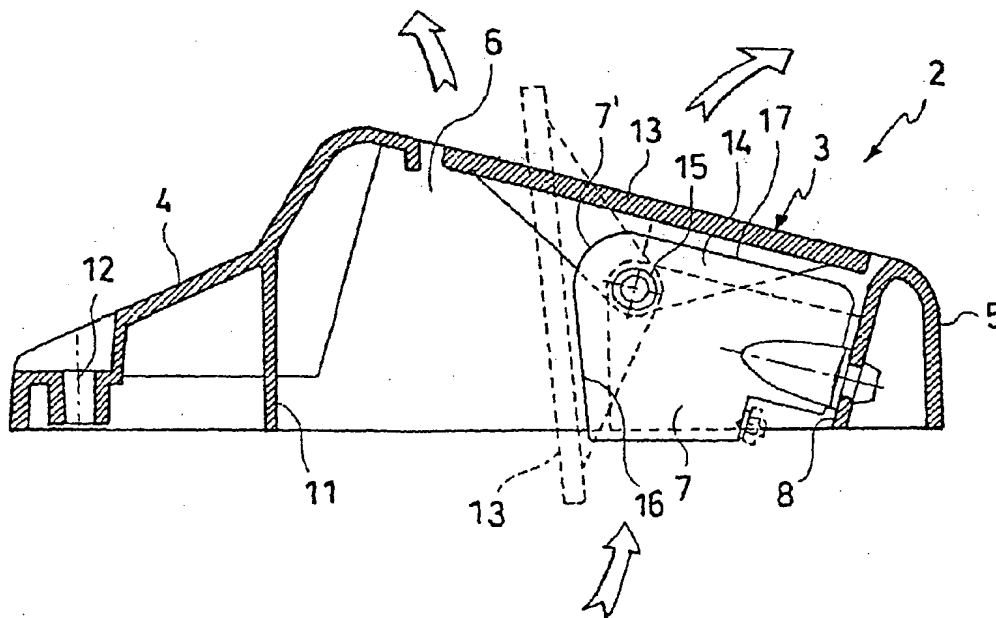
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **AIR-DISTRIBUTION CAP FOR A CONVECTOR**



(57) Abstract: The present invention relates to an air-distribution cap which is to be fitted on top of a heating or air-conditioning unit with natural or forced convection and the function of which is to regulate both the flow-rate and the direction of the air output by the convector. In particular, the present invention relates to a cap (1) for distributing the air output by a heating or air-conditioning unit with forced convection or with natural convection, characterized in that it comprises a deflector (3, 103) having one or more vanes (13, 113), each vane being orientable so as to adopt a position in which it is inclined to the vertical so that its outer end faces towards the wall against which the unit is fitted.

WO 02/077539 A1